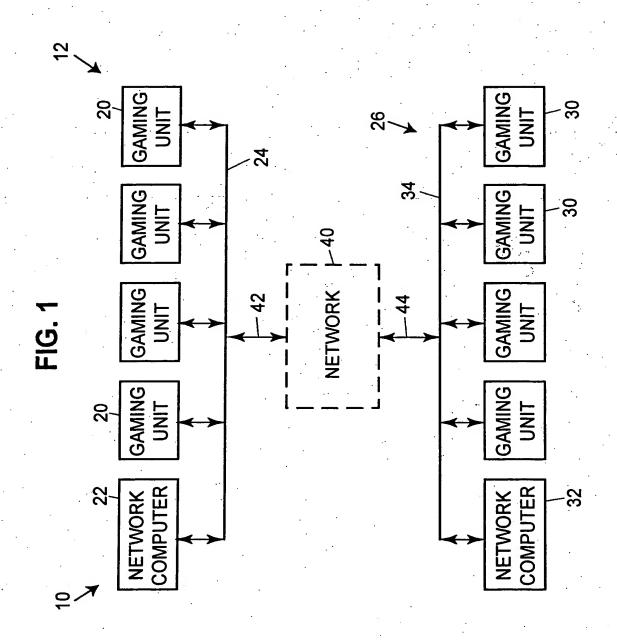
Atty. Dkt. #: 29757/P-864A
Title: TOUCH SCREEN APPARATUS AND
METHOD
Applicants: Harold E. Mattice, et al.
MARSHALL, GERSTEIN & BORUN
(312) 474-6300 Sheet 1 of 23



Atty. Dkt. #: 29757/P-864A
Title: TOUCH SCREEN APPARATUS AND
METHOD
Applicants: Harold E. Mattice, et al.
MARSHALL, GERSTEIN & BORUN
(312) 474-6300 Sheet 2 of 23

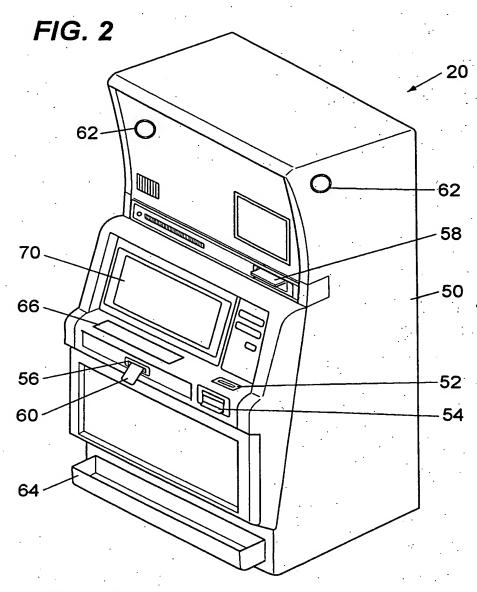
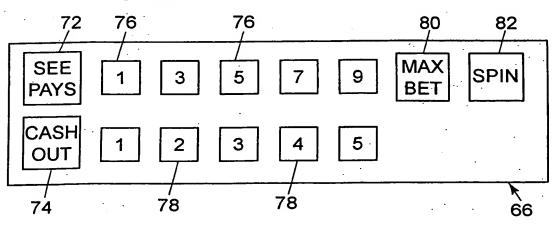


FIG. 2A



ATTY. DKT. #: 29757/P-864A
TITLE: TOUCH SCREEN APPARATUS
AND METHOD
APPLICANTS: Harold E. Mattice, et al.
MARSHALL, GERSTEIN & BORUN
(312)474-6300 Sheet 3 Of 23

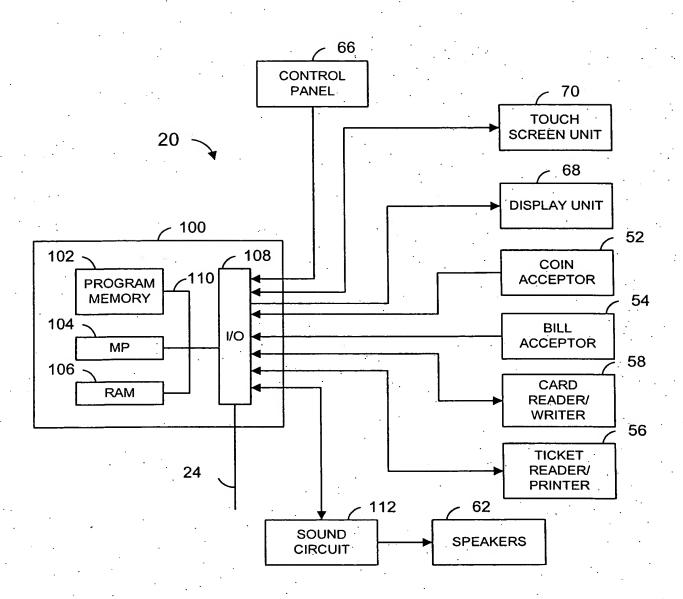


FIG. 3

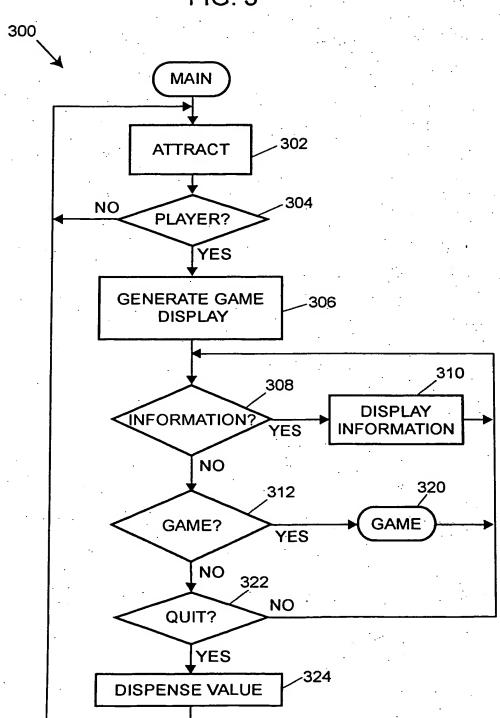
Atty. Dkt. #: 29757/P-864A Title: TOUCH SCREEN APPARATUS AND METHOD
Applicants: Harold E. Mattice, et al. MARSHALL, GERSTEIN & BORUN (312) 474-6300 Sheet 4 of 23

FIG. 4 200 **MAIN** 202 ATTRACT **PLAYER** 204 NO PLAYER? YES -206 **GENERATE GAME SELECTION DISPLAY** 208 GAME NO SELECTION? **YES** BLACKJACK) **POKER SLOTS** BINGO KENO 210 220 230 240 250 NO QUIT? 260 YES **DISPENSE VALUE**

262-

Atty. Dkt. #: 29757/P-864A
Title: TOUCH SCREEN APPARATUS AND METHOD
Applicants: Harold E. Mattice, et al.
MARSHALL, GERSTEIN & BORUN
(312) 474-6300 Sheet 5 of 23

FIG. 5



Atty. Dkt. #: 29757/P-864A
Title: TOUCH SCREEN APPARATUS AN
METHOD
Applicants: Useald F. Marting at al.

Applicants: Harold E. Mattice, et al. MARSHALL, GERSTEIN & BORUN (312) 474-6300 Sheet 6 of 23

FIG. 6

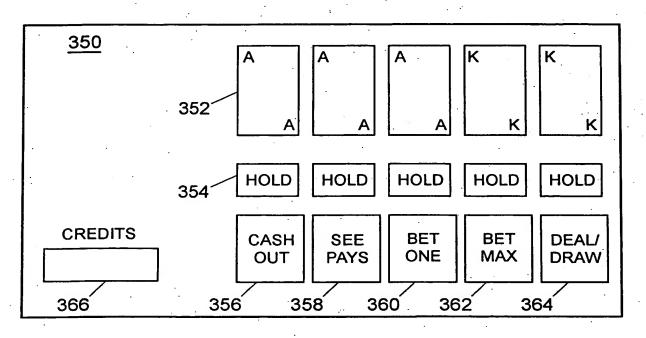
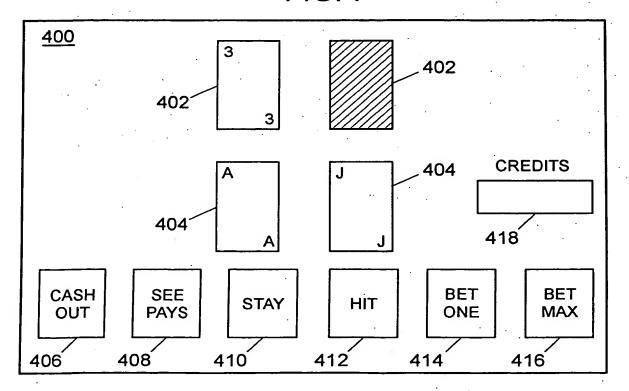
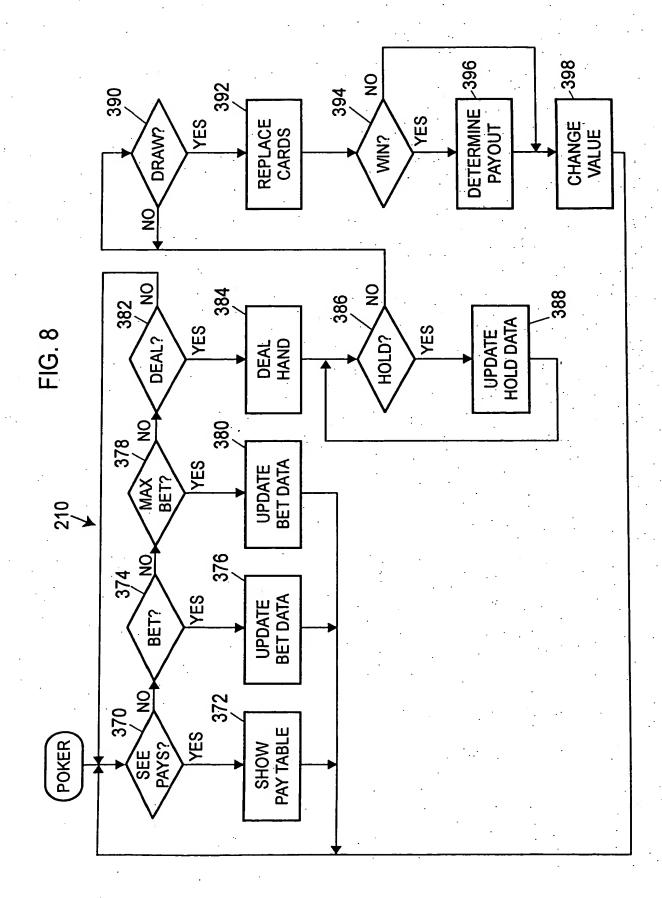
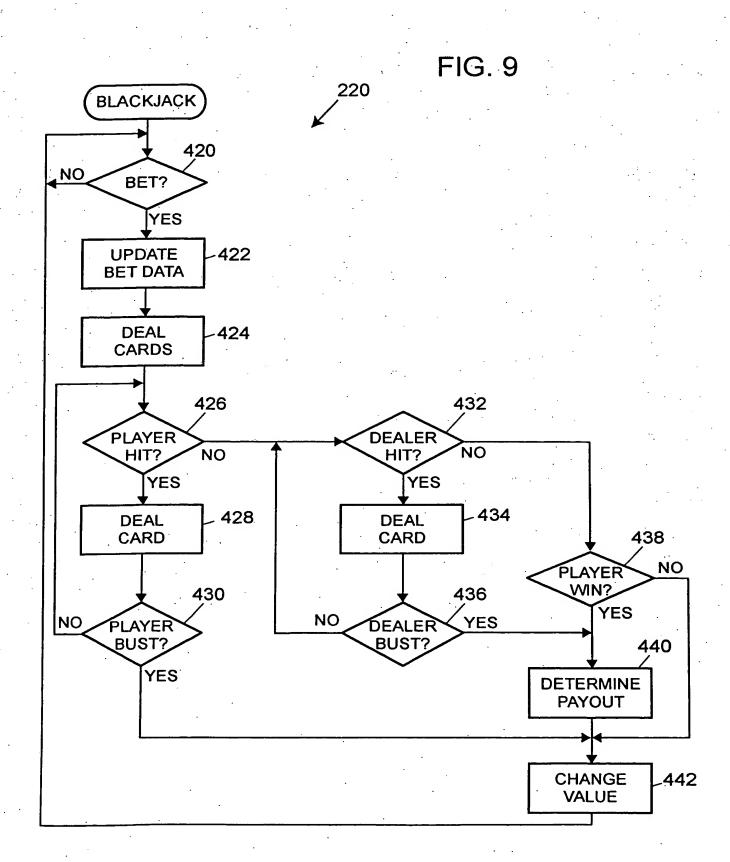


FIG. 7





Atty. Dkt. #: 29757/P-864A
Title: TOUCH SCREEN APPARATUS AND
METHOD
Applicants: Harold E. Mattice, et al.
MARSHALL, GERSTEIN & BORUN
(312) 474-6300 Sheet 8 of 23



Atty. Dkt. #: 29757/P-864A
Title: TOUCH SCREEN APPARATUS AN
METHOD
Applicants: Harold E. Mattice, et al.
MARSHALL, GERSTEIN & BORUN
(312) 474-6300 Sheet 9 of 23

FIG. 10

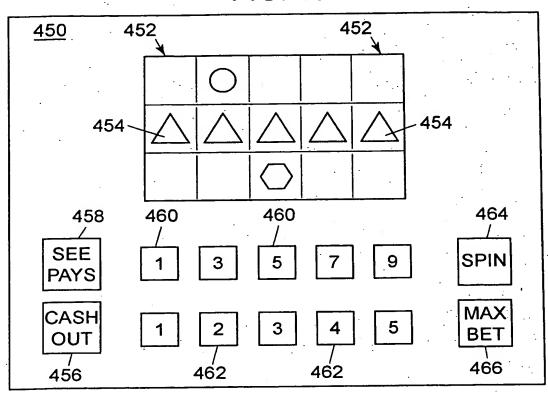
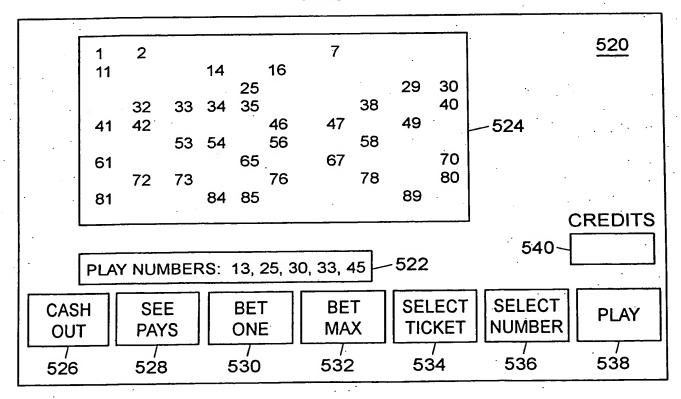
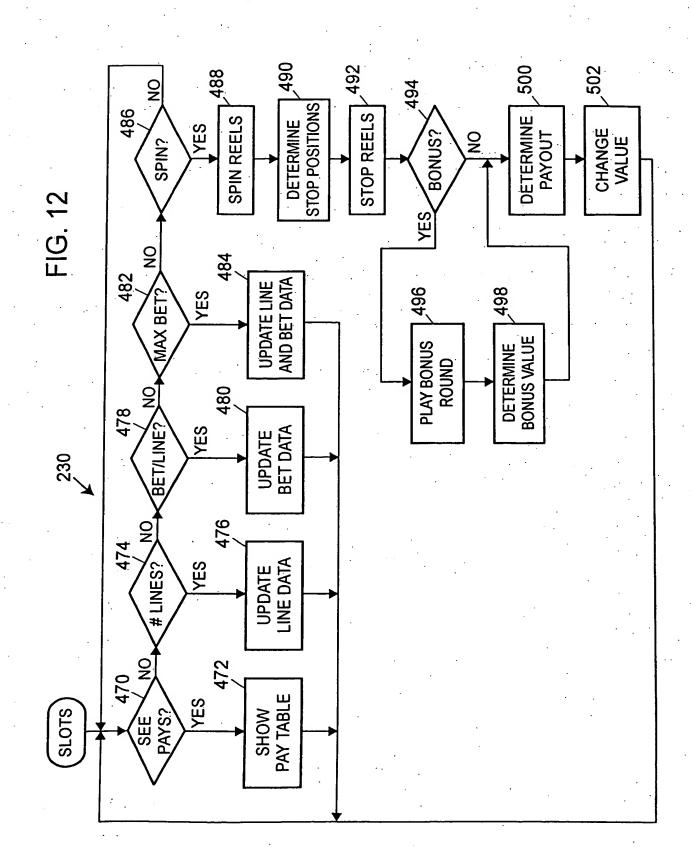


FIG. 11



Atty. Dkt. #: 29757/P-864A
Title: TOUCH SCREEN APPARATUS AND
METHOD
Applicants: Harold E. Mattice, et al.
MARSHALL, GERSTEIN & BORUN
(312) 474-6300 Sheet 10 of 23



Atty. Dkt. #: 29757/P-864A
Title: TOUCH SCREEN APPARATUS AND
METHOD
Applicants: Harold E. Mattice, et al.
MARSHALL, GERSTEIN & BORUN
(312) 474-6300 Sheet 11 of 23

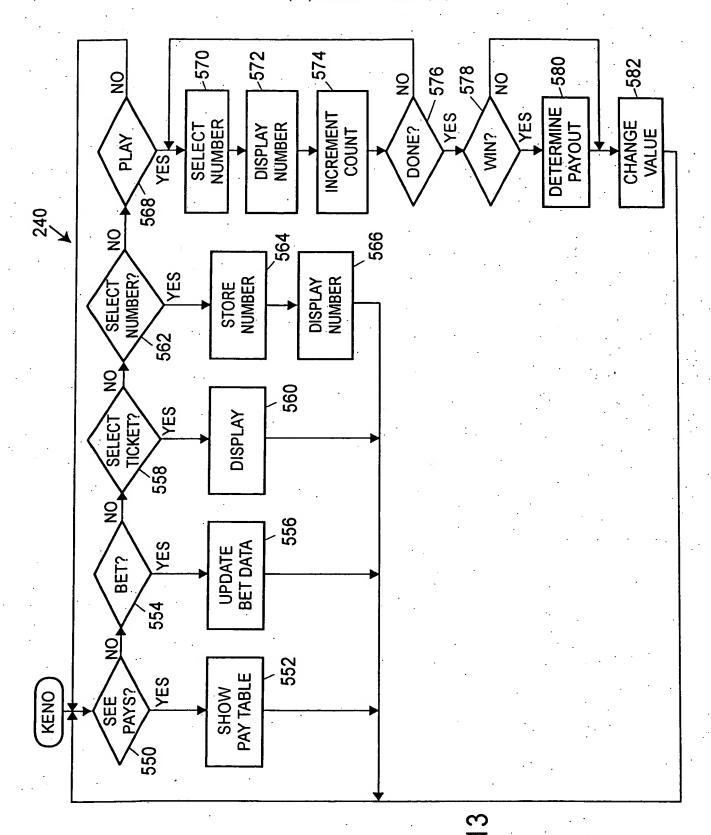
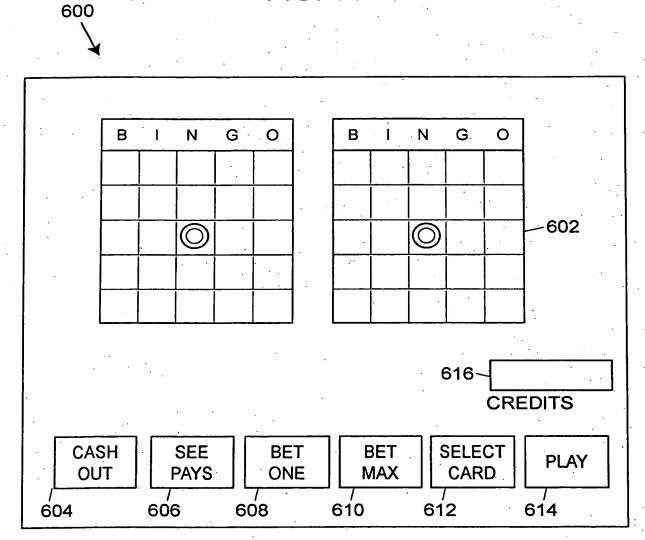


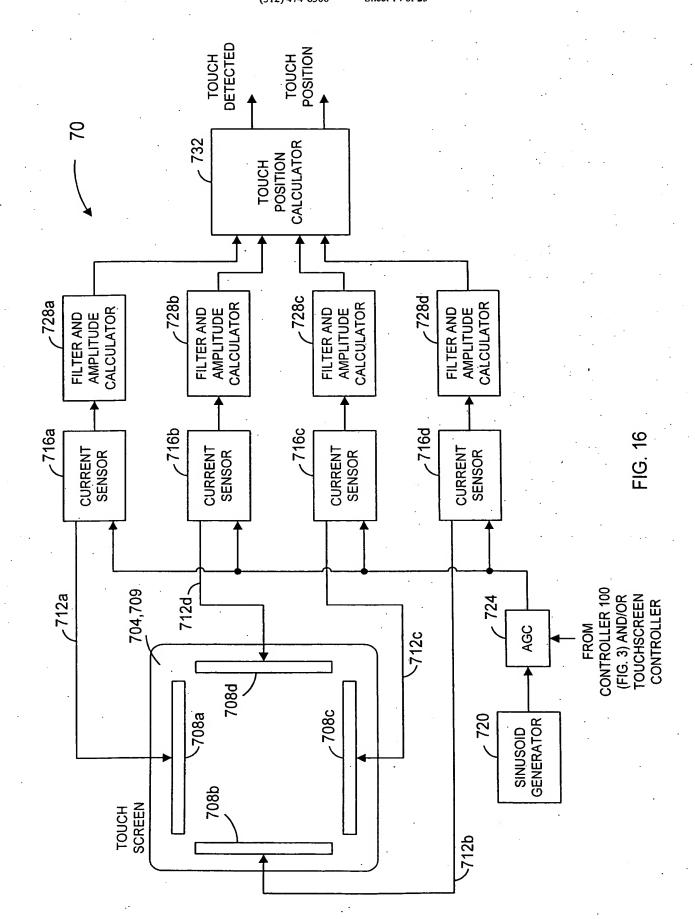
FIG.

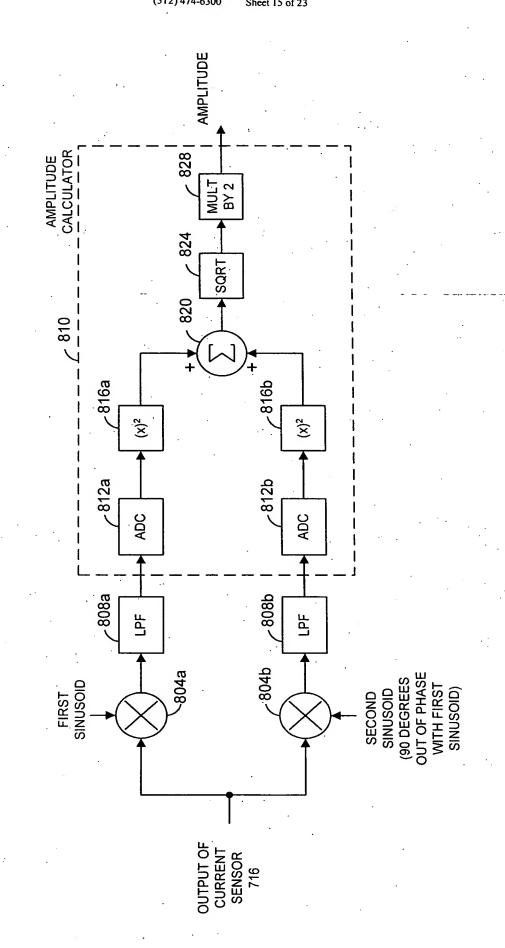
FIG. 14



Atty. Dkt. #: 29757/P-864A
Title: TOUCH SCREEN APPARATUS AND
METHOD
Applicants: Harold E. Mattice; et al.
MARSHALL, GERSTEIN & BORUN
(312) 474-6300 Sheet 13 of 23

FIG. 15 250 **BINGO** 620 624 **632**. 628 NO. NO NO. NO SEE SELECT BET? **PLAY** PAYS? CARD? YES | YES YES YES **SELECT** 634 **NUMBER** SHOW **UPDATE DISPLAY BET DATA** CARD **PAY TABLE** 636 **DISPLAY** 622 626 630 NUMBER 638 NO DONE? YES 640 WIN? NO YES 642 DETERMINE **PAYOUT** 644 **CHANGE** VALUE





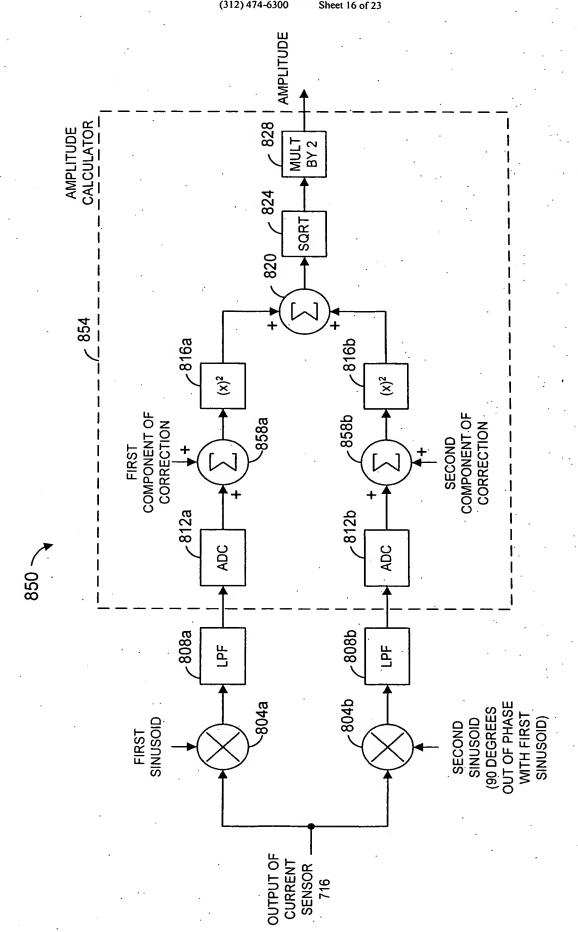


FIG. 18

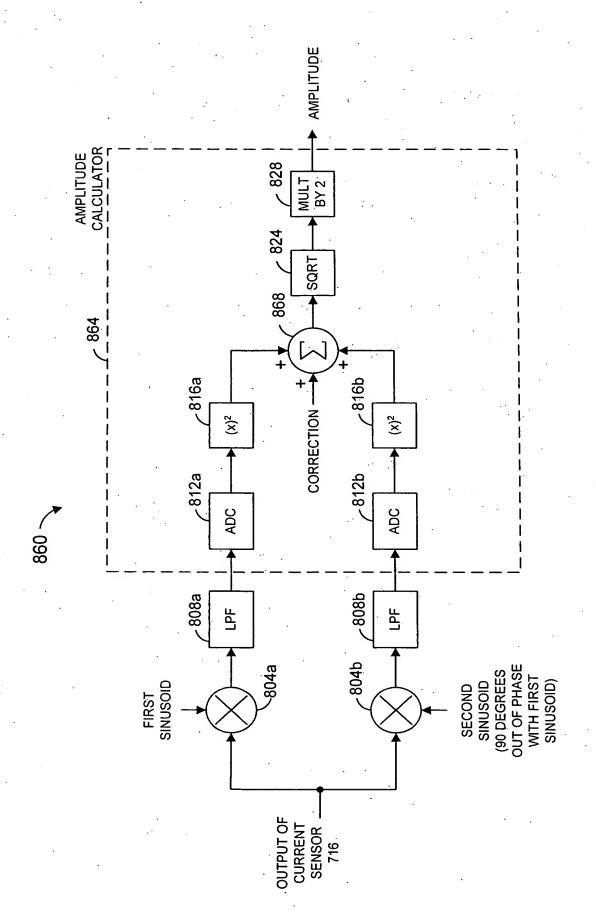


FIG 19

Applicants: Harold E. Mattice, et al. MARSHALL, GERSTEIN & BORUN (312) 474-6300 Sheet 18 of 23

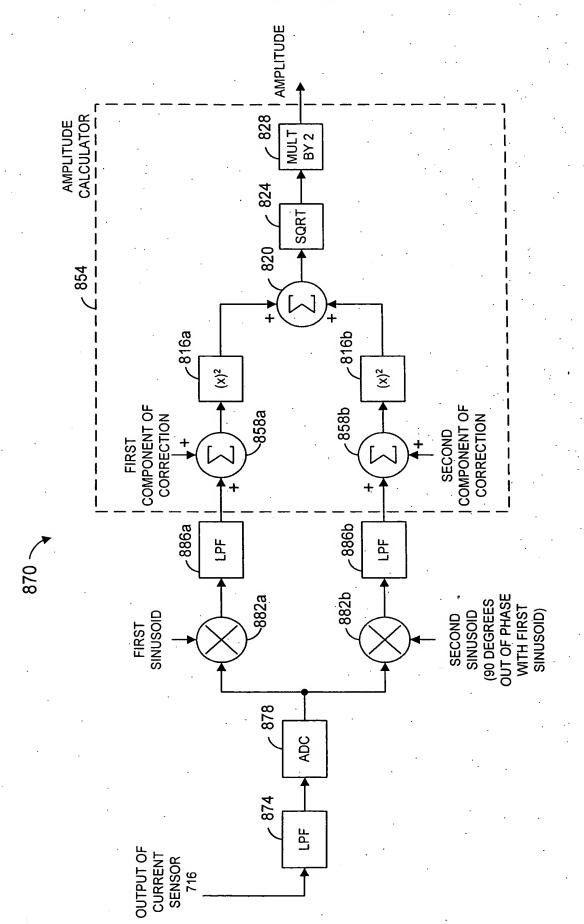


FIG. 20

Atty. Dkt. #: 29757/P-864A
Title: TOUCH SCREEN APPARATUS AND
METHOD
Applicants: Harold E. Mattice, et al.
MARSHALL, GERSTEIN & BORUN
(312) 474-6300 Sheet 19 of 23

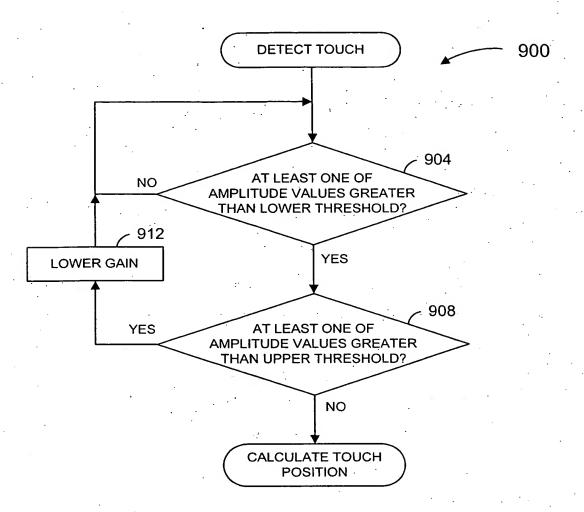


FIG. 21

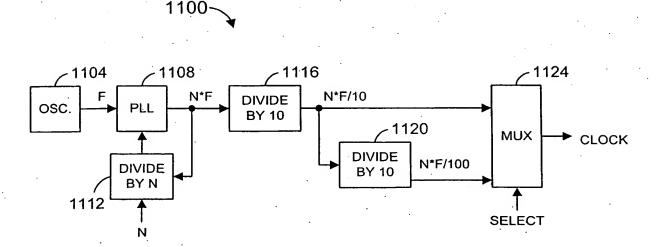


FIG. 25

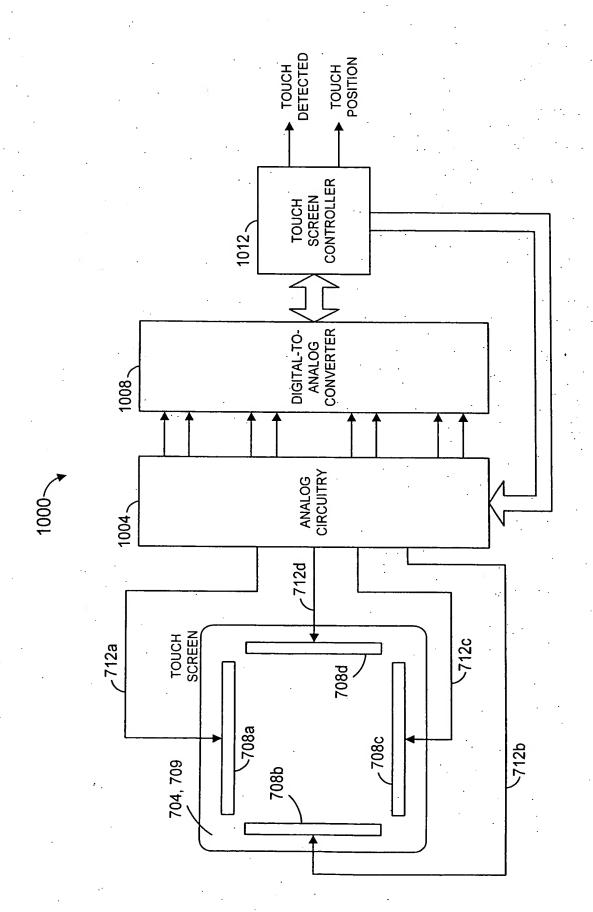
Title: TOUCH SCREEN APPARATUS AND METHOD Applicants: Harold E. Mattice, et al. MARSHALL, GERSTEIN & BORUN (312) 474-6300 Sheet 20 of 23 930 **CALCULATE TOUCH POSITION** 934 CALCULATE X, AND Y, BASED ON AMPLITUDE VALUES CORRESPONDING TO DETECTED TOUCH - 938 CALCULATE X_L AND Y_L **END** FIG. 22 960 **DETERMINE CONVERSION PARAMETERS** 964 DISPLAY DOT ON SCREEN AT KNOWN **POSITION** 968 PROMPT USER TO TOUCH DOT - 972 DETERMINE POSITION ESTIMATE X, Y, 976 YES MORE DOTS TO DISPLAY? NO 980 CALCULATE CONVERSION PARAMETERS BASED ON KNOWN POSITIONS AND **DETERMINED POSITION ESTIMATES END**

FIG. 23

Atty. Dkt. #: 29757/P-864A

Atty. Dkt. #: 29757/P-864A Title: TOUCH SCREEN APPARATUS AN METHOD

Applicants: Harold E. Mattice, et al. MARSHALL, GERSTEIN & BORUN (312) 474-6300 Sheet 21 of 23



Atty. Dkt. #: 29757/P-864A
Title: TOUCH SCREEN APPARATUS AND
METHOD
Applicants: Harold E. Mattice, et al.
MARSHALL, GERSTEIN & BORUN
(312) 474-6300 Sheet 22 of 23

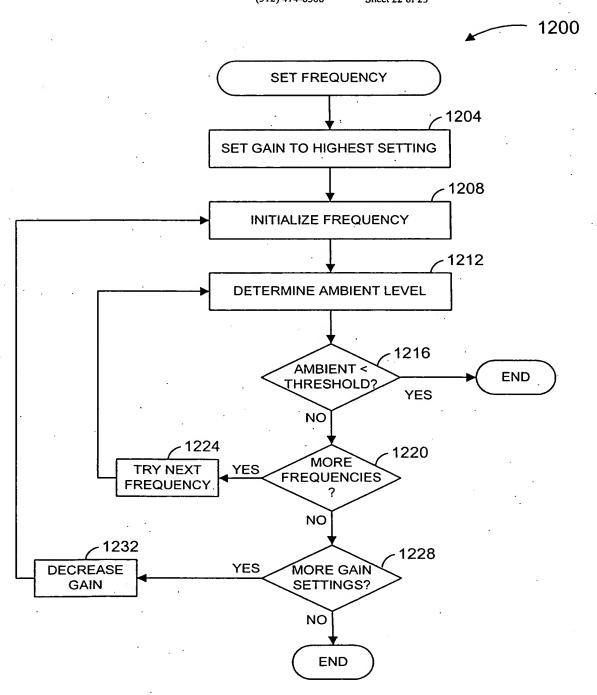


FIG. 26.

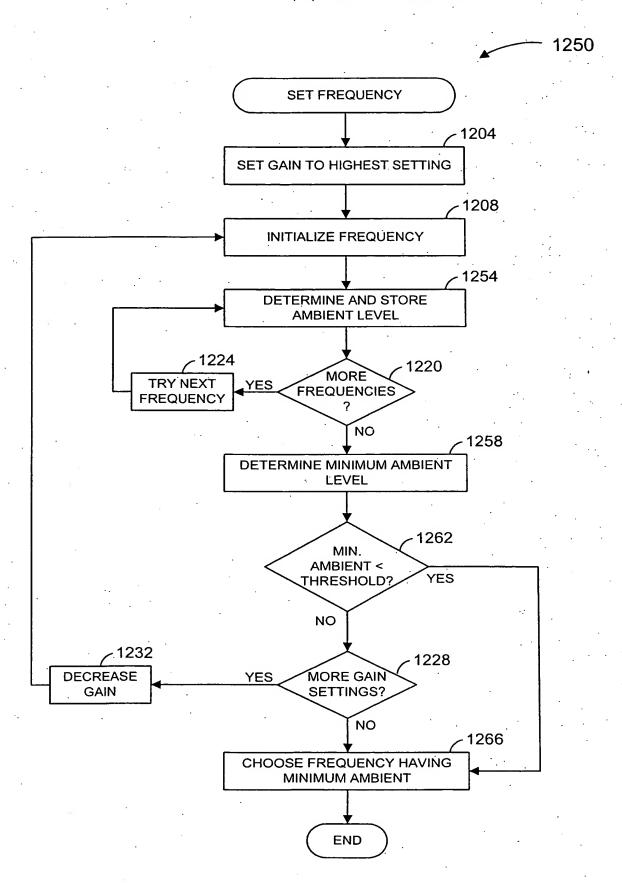


FIG: 27